



# Image-Capture Devices Extend Medicine's Reach

**Johnson Space Center**

**Mediphan  
Springfield, New Jersey**

## Originating Technology/NASA Contribution

- ◆ On the International Space Station, diagnosing an injury or medical issue can be problematic
- ◆ The Advanced Diagnostic Ultrasound in Microgravity (ADUM) experiment resulted in new ultrasound technology for remote use by crew members with limited medical training

## Partnership

- ◆ ADUM participants Dr. Scott Dulchavsky, Henry Ford Hospital, and Wyle Laboratories cooperated with Epiphan Systems Inc. to form Mediphan
- ◆ Mediphan developed two tools to capture, store, and send ultrasound images via the Internet: DistanceDoc and MedRecorder



## Product Outcome

- ◆ Individuals with limited medical experience can consult with distant doctors to diagnose medical issues such as broken bones or collapsed lungs when and where they occur
- ◆ Professional sports teams and Olympians are using the technology for musculoskeletal exams and diagnosing injuries